

International Conference on Health Security (ICHS)

14th and 15th March 2023

Theme: Health Matters

14th March 2023

08:00 – 9:00		Guests to be seated
09:00 – 11:00 Inaugural Ceremony (Crystal Hall)		
11:00- 11:30 00 Tea/Coffee		Tea
<p>Plenary Session (Crystal Hall) (11:30-13:50) PST 11:30-13:50 pm (USA) 14:30 -16:50(BJT)</p> <p>Topic: Improved Health Security Chairman: Prof. Dr. Manzoor Ahmad Co- Chairman: Prof. Dr. Nasim Ahmad Moderator: Dr. Ali Hamza</p>		
TIME	TITLE	SPEAKER
11:30-11:50(PST)	Integration of Human and animal health and environment, A key to achieve targets of One Health	Prof.Dr Sohail Saqlain Technical Advisor Public Health sohailsq@yahoo.com
11:50 -	Tick Borne zoonotic severe fever with thrombocytopenia syndrome in animals	Prof Dr Joon seok Chae

	12:10(PST)		Seoul National University college of veterinary medicine Korea jschae@snu.ac.kr
	12:10-12:30 (PST)	Single and combined effects of clostridium butyricum and coccidiosis vaccine on growth performance and intestinal microbiome of broiler chicken.	Prof Mingfei Sun Director institute of animal health Guangdong agriculture academy sciences China sunmingfei@gdaas.cn
	12:30-12:50(PST) 15:30-15:50(BJT)	Emerging Animal Diseases in China	Dr. Kun Li, Associate professor, MOE Joint International Research Laboratory of Animal Health and Food Safety and Institute of Traditional Chinese Veterinary Medicine, Nanjing Agricultural University, China Lk3005@njau.edu.cn
	12:50-13:10(PST) 15:50-16:10(BJT)	BRI and CEPEC: Academic Linkage between China and Pakistan	Dr Safdar Ali Shah Director General CEPEC Academic reseach and development unit HEC, Islamabad
	13:10-13:30(PST) 16:10-16:30(BJT)	Current Status and Future Trend of Meat Production and Consumption in China	Wangang Zhang Professor Department of Food Science and Engineering, College of Food science and Technology. Nanjing Agriculture University China wangang.zhang@njau.edu.cn
	13:30-13:50(PST) 16:30-16:50(BJT)	Application of Ultrasound Treatment for Processing Meat and Meat Products	Chun Bao Li Professor Dean of College of Food Science and Technology, Deputy Director of the National Center of Meat Quality and Safety Control, Nanjing Agricultural University chunbao.li@njau.edu.cn
14:00-14:40 (PST) Lunch/ Prayer break			
	<u>Technical Session I (Crystal Hall)</u> Animal Health-I (14:40-16:40) PST		<u>Technical Session II (Shalimar Hall)</u> Animal Nutrition and Feed Resources-I Socio-economic Aspects of Animal Production (14:40-16:40) PST
	Main Theme: Neglected Vector Borne and Zoonotic Diseases		Main Theme: Creating Options in Animal Nutrition and Management

	<p align="center">Sub Theme: Vector Borne zoonosis</p> <p align="center">Chairman: Prof. Dr. Ahrar Khan Ex-Dean Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan Co- Co-Chairman: Prof. Dr. Muhammad Khalid Mansoor Professor/Dean Faculty of Veterinary & Animal Sciences, The Islamia University (IUB), Pakistan Dr. Kun Li, Associate professor, MOE Joint International Research Laboratory of Animal Health and Food Safety and Institute of Traditional Chinese Veterinary Medicine, Nanjing Agricultural University, China Lk3005@njau.edu.cn Moderator: Dr. Khalid Mehmood Assistant Professor Department of Clinical Medicine and Surgery, Faculty of Veterinary & Animal Sciences, The Islamia University (IUB), Pakistan</p>	<p align="center">Sub-Theme: Impact of Environment and Seasonal Changes on Animal Nutrition</p> <p align="center">Chairman: Prof. Dr. Talat Naseer Pasha Vice Chancellor University of Education, Pakistan Co-Chairman: Prof. Dr. Saima Dean Faculty of Animal Production and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Moderator: Dr. Ghazanfar Ali Chishti Lecturer Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p>
14:40-14:55(PST) 17:40-17:55(BJT)	<p align="center">Neglected Mosquito-borne Zoonotic Infectious diseases in China Dr. Zhang Hui Associate professor, College of Veterinary medicine, South China Agricultural University, Guangdong, China</p>	<p align="center">Climate Smart Options for the Dairy Production System in Pakistan Prof. Dr. Talat Naseer Pasha Vice Chancellor University of Education, Pakistan</p>
14:55-15:10 (PST) 17:55-18:10(BJT)	<p align="center">Thiram -induced hyperglycemia causes tibial dyschondroplasia by triggering aberrant ECM remodeling via the gut-pancreas axis in broiler chickens. Jiakui Li Professor/ Vice Dean College of Veterinary Medicine, Huazhong Agricultural University, Hubei, PR China lijk210@mail.hzau.edu.cn hafiziftikharhussain@civas.edu.pk</p>	<p align="center">Converting Bio-waste into Useful Proteins to Feed Animals Dr. Muhammad Binyameen Associate Professor Department of Entomology Bahauddin Zakariya University, Multan, Punjab, Pakistan mbinyameen@bzu.edu.pk</p>
15:10-15:20 (PST)	<p align="center">Dr. Amjad Islam Aqib Assistant Professor, Department of Medicine, Cholistan University of Veterinary & Animal Sciences Bahawalpur-Pakistan amjadislamaqib@civas.edu.pk</p>	<p align="center">Turning Fruit and Vegetable Wastes into Livestock Feed Dr. Mubarik Mehmood Lecturer Department of Animal Sciences, University of Veterinary and Animal Sciences, Sub-Campus Jhang, Punjab, Pakistan Mubarik.mehmood@uvas.edu.pk</p>

15:20-15:3 (PST)0	<p>Neglected Vector Borne Zoonotic Diseases Dr. Rao Zahid Abbas Associate Professor/Chairman Department of Parasitology, Faculty of Veterinary Science University of Agriculture, Faisalabad-Pakistan raouaf@hotmail.com</p>	<p>Impact of Climate Change on Livestock and Related Food Security Implications- Overview of the Situation in Pakistan and Policy Recommendations Dr. Hammad Ahmed Hashmi Lt.Col (Retd) GM (Companion Group) Snam Pharma drhamnmasdhashmi@gmail.com, drhammadhashmi.nsm@snampharma.com</p>
15:30-15:45 (PST)	<p>Hematobiochemical and molecular analysis of LSD virus in Cholistan cattle Dr. Mudassar Mohiuddin Assistant Professor Faculty of Veterinary Sciences. The Islamia university Bahawalpur Pakistan Mudassar.mohiuddin@iub.edu.pk</p>	<p>Forage Free diet for Precision Feeding of dairy heifers Dr. Muhammad Ahmad Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Mahmadiqbal1995@hotmail.com</p>
15:45-15:55(PST)	<p>Challenges in Diagnosis and Treatment of Victor Borne Diseases Dr. Shahid Hussain Farooqi Assistant Professor University College of Veterinary and Animal Sciences, Narowal, UVAS, Pakistan Shahid.hussain@uvas.edu.pk</p>	<p>Calf starter addition in the liquid diet of pre weaning calfs:A Novel method to reduce weaning age. Dr. Ghazanfar Ali Chishti Lecturer Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Ghazanfar.ali@uvas.edu.pk</p>
15:55-16:10(PST)	<p>Ethno Veterinary and Allopathic Treatment Against Mastitis and its Effect on Milk Yield and composition Dr. Muhammad Rizwan Bahauddin Zikryea Unuversity, Multan, Pakistan mrizwan@bzu.edu.pk</p>	<p>Alternative Nutritional Strategies for Backyard-type Chicken Dr. Jibran Hussain Associate Professor Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Jibran.hussain@uvas.edu.pk</p>
16:10-16:20 (PST)	<p>Risk assessment of tibial dyschondroplasia and its possible treatment in the poultry industry. Muhammad Fakhar-e-Alam Kulyar Affiliation: College of Veterinary Medicine, Huazhong Agricultural University, China fakharealam786@mail.hzau.edu.cn</p>	<p>Evolution and Interspecies Transmission of Coronavirus Dr. Shi zheng Li Professor Wuhan Institute of virology, Chinese Academy of Science zlshi@wh.iov.cn</p>
16:20-16:30(PST)	<p>PPR Threat to Seasonal Nomads' Neglected Community of Azad Kashmir Dr. Imtiaz Ahmad Associate professor Veterinary medicine FVS, University of Poonch Rawalakot, Pakistan imtiazahmad@upr.edu.pk</p>	

16:30-16:40(PST)	<p>Zoonotic Importance of Multidrug Resistant Poultry Pathogens Dr. Hafiz Iftikhar Hussain Assistant professor, Department of Pathology, Cholistan University of Veterinary and Animal Sciences Bahawalpur</p>	
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Tea		
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	<p style="text-align: center;">Technical session III (Crystal Hall) Human-Environment-Livestock Nexus (16:40-17:50)(PST) 19:40-20:50 (BJT)</p> <p>Main Theme: Human-Environment-Livestock Nexus Under Climate Change Sub-Theme: Impacts of Climate Change and Human Decisions on Livestock Health and Wellbeing</p> <p style="text-align: center;">Chairman: Prof. Dr. Yanpeng Cai (on line) Professor/Associate Dean Institute of Environmental and Ecological Engineering, Guangdong University of Technology, China</p> <p style="text-align: center;">Co-Chairman: Dr. Saif Ur Rehman Kashif Associate Professor/Chairman Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p> <p style="text-align: center;">Moderator: Dr. Syed Aziz Ur Rehman Assistant Professor Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p>	<p style="text-align: center;">Technical Session IV(Shalimar Hall) Value Addition of Milk (16:40-17:50) Main Theme: Sub-Theme:</p> <p style="text-align: center;">Chairman: Professor Dr. Saima Dean, Faculty of Animal Production and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p> <p style="text-align: center;">Co- Chairman: Dr. Saima Inayat Chairperson Department of Dairy Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p> <p style="text-align: center;">Moderator: Dr. Muhammad Junaid Lecturer, Department of Dairy Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p>
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16:40-16:50(PST) 19:40-19:50(BJT)	<p>Adaptive Grazing Management of Alpine Grasslands in Coping with Climate Change Prof. Dr. Dong Shikui Dean, School of Grassland Science, Beijing Forestry University, Beijing, China dongshikui@bjfu.edu.cn</p>	<p>The effect of ion environment changes on the protein behavior during Cheese whey ultrafiltration process and its regulation efficiency Wen-Qiong Wang (Online) Yangzhou University China</p>
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16:50-17:00(PST) 19:50-20:00(BJT)	<p>Reduced Crude Protein in Poultry Diet and Environmental Sustainability</p> <p>Prof. Dr. Haijun Zhang Professor of Poultry Nutrition Feed Research Institute, Chinese Academy of Agricultural Sciences, P.R. China zhanhaijun@caas.cn</p>	<p>Dairy value addition; A sustainable tool for the uplift of Dairy Sector</p> <p>Dr. Saima Inayat Chairperson/ Associate professor Department of Dairy Technology, University of Veterinary & Animal Sciences, Ravi Campus saima.inayat@uvas.edu.pk</p>
17:00-17:10(PST) 20:00-20:10(BJT)	<p>Sustainable Grassland and Livestock System in Northern China</p> <p>Prof. Dr. Guodong Han College of Grassland, Resources and Environment, Inner Mongolia Agricultural University, Hohhot, China hanguodong@imau.edu.cn</p>	<p>Regulatory requirements & traceability of Dairy Products throughout the supply chain</p> <p>Ms. Farah Ather Deputy Director Standards & Accreditations- Punjab Food Authority Farah_allam@hotmail.com</p>
17:10-17:20(PST)	<p>Ambient Air quality monitoring of livestock farms in peri urban areas of Lahore</p> <p>Dr Fariha Arooj Assistant Professor Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Fariha.arooj@uvas.edu.pk</p>	<p>"Cheese making: A sustainable technology to add value in milk"</p> <p>Dr. Anjum Murtaza Director / Associate Professor University of Sargodha, Sargodha, Punjab anjum.murtaza@uos.edu.pk</p>
17:20-17:30(PST)	<p>Plastic pollution: A Threat to Livestock Products</p> <p>Dr. Muhammad Luqman Assistant Professor Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Muhammad.luqman@uvas.edu.pk</p>	<p>Dr. Shinawar Waseem Ali Chairman/ Associate Professor, Department of Food Sciences, Punjab University shinawar.foodsciences@pu.edu.pk</p>
		<p>Dr. Nasir Ahmad Associate Professor, School of Biological Sciences, Punjab University, Lahore nasirahmad.iags@pu.edu.pk</p>
17:30-17:40(PST)	<p>Effects of Climate change on livestock</p> <p>Dr. Aneela Zameer Durrani Professor University Of Veterinary and Animal Sciences, Lahore Pakistan aneela@uvas.edu.pk</p>	<p>Quality attributes of fruity cheese through minimal whey production technology</p> <p>Dr. Muhammad Shahbaz Associate Professor Department of Food Science and Technology, MNS-University of Agriculture, Multan shahbaz.ft@mnsuam.edu.pk</p>
17:40-17:50(PST)	<p>One Health and Global Food Security</p> <p>Dr. Sagar Goyal Professor Veterinary Diagnostic Lab, University of Minnesota USA Goyal001@umn.edu.pk</p>	<p>Value Addition of Milk and Milk Products the Case of Zambia</p> <p>Mr. Jestone mhang, Vice principal, Lusaka-Agro-Tech Institute (LATI) Zambia latiregistrar@gmail.com</p>

END OF DAY ONE

15th March,2023

08:00 – 09:00 Guests to be seated

Technical Session I (Crystal Hall)
Animal Health-II and Public Health
(09:00-11:10)

Main Theme: Emerging Animal and Human Diseases in Pakistan
Sub-Theme: Emerging and re-emerging Diseases, Implication of One health on Public Health

Chairman:

Prof. Saira Afzal (Public Health)

Chairperson and Head of Department at Community Medicine and Epidemiology,
Director Foreign Affairs and Internal linkages,
Dean, Faculty of Public Health and Preventive Medicine King Edward Medical University,
Lahore.

Co-Chairman:

Dr. Rao Zahid Abbas,

Associate Prof/Chairman/ Edito PVJ
Department of Parasitology, FVS, University of Agriculture Faisalabad. Pakistan

Moderator:

Dr. Shahid Hussain Farooqi (Animal Health)

Assistant Professor, University College of Veterinary and Animal Sciences, Narowal, UVAS,
Pakistan

Prof Dr Maimoona Chaudhry (Public Health)

Department of Epidemiology and Public Health
UVAS, Lahore

Technical Session II (Shalimar Hall)
Environment-Health Interface
(09:00-11:10)(PST)
12:00-14:10)(BJT)

Main Theme: Issues and challenges towards sustainable livestock production
Sub-Theme: Climate-smart livestock production and developing countries

Chairman:

Prof. Dr. Muhammad Nafees

Professor/Chairman
Department of Environmental Sciences, University of Peshawar, Pakistan

Co-Chairman:

Dr. Fariha Arooj

Assistant Professor
Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore,
Punjab, Pakistan

Moderator:

Dr. Muhammad Luqman

Assistant Professor
Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore,
Punjab, Pakistan

09:00-09:20 (PST)
9:00-9:20 PM (USA)
12:00-12:20(BJT)

Evidence Based Medicine for Professionals

Dr. Ajaz Rashid (on line)

Chief Executive, East Windsor Animal Hospital
614 Route 33 East, Unit B East Windsor, NJ 08520
Ewah614@gmail.com, Ajazz7862001@yahoo.com

Low-carbon and Nitrogen-saving Metabolic Strategies of Yak in Response to Alpine Nutritional Stress
in the Asian Highlands

Prof. Dr. Ruijun Long

Professor in Ecology and Pastoralism
Director, International Centre for Tibetan Plateau Ecosystem Management, Lanzhou University,
Lanzhou, China
longrj@lzu.edu.cn

<p>09:20-09:40(PST) 12:20-12:40(BJT)</p>	<p>Bioethics in Public Health: Present and Future Prof. Saira Afzal Chairperson and Head of Department at Community Medicine and Epidemiology, Director Foreign Affairs and Internal linkages, Dean, Faculty of Public Health and Preventive Medicine King Edward Medical University, Lahore. sairamust@gmail.com</p>	<p>Broiler Chicken Health Production System Prof. Dr. Hongfu Zhang State Key Laboratory of Animal Nutrition (SKLAN), Institute of Animal Sciences (IAS), Chinese Academy of Agricultural Sciences (CAAS), Beijing, China zhanghongfu@caas.cn</p>
<p>09:40-9:55 (PST) 12:40-12:55(BJT) 9:40-9:55 PM (USA)</p>	<p>Zoonotic TB beyond Mycobacterium bovis Dr. Marcel Behr Clinician-scientist/ Founding Director of the McGill International TB Centre, USA Marcel.behr@mcgill.ca</p>	<p>Recognizing Topological Attributes and Spatial-temporal Patterns in the Ecological Network of Phoca Larga Based on eDNA Metabarcoding Dr. Yan Xu Associate Professor, College of Marine Science and Technology, China University of Geosciences, Wuhan, China grawain007@163.com</p>
<p>9:55-10:15 (PST) 9:55-10:15PM (USA)</p>	<p>Multiple hosts of SARS-CoV-2. Dr. Vivek Kapur Professor of Microbiology and Infectious Diseases / Huck Distinguished Chair Pennsylvania State University Vkapur.psu@gmail.com</p>	<p>Climate smart Livestock farming models-Climate change ,food security and sustainability Dr Shahzad Naveed Jadoon CEO Altech Pakistan</p>
<p>10:15-10:25 (PST)</p>	<p>Five Major Public Health Issues in Pakistan Dr. Rabiya Bilal Head of Department Pharmacology and Director ORIC, CMH, LMC and IOD Rabiea_bilal@cmhlahore.edu.pk</p>	<p>Biodiversity Governance and Management in Pakistan: A Way Forward Through the China- Pakistan Economic Corridor Dr. Akhtar Hussain Lashari Sukkur IBA University, Sindh, Pakistan ahussainlashari@gmail.com</p>
<p>10:25-10:35 (PST)</p>	<p>Animal and Human Nexus in Regenerative Therapy: One Health Perspective. Dr. Shah Nawaz Sial Department of Anatomy, Faculty of Veterinary Science, University of Agriculture Faisalabad. shahnawazsial@uaf.edu.pk</p>	<p>GHGs Emission from Various Livestock Production Systems in Pakistan Dr. Syed Aziz Ur Rehman Assistant Professor, Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan syed.aziz@uvas.edu.pk</p>
<p>10:35-10:45(PST)</p>	<p>Risk Factor Analysis of Coxillosis in Bovine Dr. Zahid Iqbal University Of Veterinary and Animal Sciences , Ravi Campus, Pattoki. Pakistan zahid.iqbal@uvas.edu.pk</p>	<p>Abundance of Microbial Flora in Different Rearing Poultry Farms in China Dr. Imran Khan (Pakistan) Assistant Professor, Zoology Higher Education Department, KPK,Pakistan</p>

		imran_talash76@yahoo.com
10:45-10:55 (PST)	Challenges in veterinary pharmaceutical industry in Pakistan Dr Shahzaib Shakeel Regional Sales Manager,AHD Ghazi Brothers, Pakistan	Human Health Risks of Organo-chlorinated Pesticides from Bovine Milk: A Case Study from a Developing Country, Pakistan Dr. Saman Sana Lecturer, Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan saman.saad@uvas.edu.pk
10:55-11:10 (PST)	Animal and Human Brucellosis in Pakistan Tariq Jamil Friedrich-Loeffler-Institut Bundesforschungsinstitut für Tiergesundheit Federal Research Institute for Animal Health Naumburger Str. 96a Tariq.Jamil@fli.de	How has China's Rural Landscape Transformed Through Rural Ecommerce: The case of "Taobao Villages" Amar Razzaq Associate Professor Business School Huanggang Normal University Huanggang, Hubei, China amar.razzaq@hotmail.com

Tea		
	<p style="text-align: center;">Technical Session III (Crystal Hall) Understanding CPEC and its role in addressing food security (11:15-12:40) Main Theme: Current Trends in Food Safety and Food Security Sub-Theme: Policy making on Food Safety and Role of Livestock</p> <p style="text-align: center;">Chairman: Prof. Dr. Fiaz Qamar Professor and Principal, CVAS, Jhang Co- Chairman: Prof. Dr. Ihtasham Khan Moderator: Dr. Muhammad Zahid Farooq</p>	<p style="text-align: center;">Technical Session IV (Shalimar Hall) Neglected extension services/ Issues and Challenges to the livestock sector in Pakistan (11:15-12:40) Main Theme: Current Status and Challenges to Livestock Production in Pakistan Sub-Theme: Management of available resources and Improvement of Production</p> <p style="text-align: center;">Chairman: Prof Dr Hassan Saleem Professor Department of Clinical Medicine ,City Campus,Lahore Co- Chairman: Dr Irfan Zaman Associate Professor CVAS, Jhang Moderator: Dr Farhan Ahmad Atif</p>

11:15-11:25(PST)	<p>Strategies for prevention of mycotoxigenesis in poultry</p> <p>Prof Dr.Awad A.Shehata Prophy institute for prophylaxis, Germany/Professor of Avian diseases University of Sadat city, Egypt shehata@prophy-institute.de</p>	<p>Climate Resilient Livestock/Agriculture: Global Experiences and Lessons for Pakistan</p> <p>Aftab Alam Khan CEO Resilient Future International Islamabad aftab@resilient-future.org</p>
11:25-11:35(PST)	<p>Improving small ruminant production by decreasing high mortality in young small ruminants through creep feeding.</p> <p>Dr. Atta Ul Zia ACIAR Small Ruminant Project attajhg@gmail.com</p>	<p>Challenges/issues In the livestock sector</p> <p>Dr. Muhammad Khalid Farooq Director RCCIB rccsc@live.com, mkhalidg@hotmail.com</p>
11:35-11:45 (PST)	<p>Food Security and Pak-China Cooperation in Agriculture Under Belt and Road Initiative: A Policy Perspective</p> <p>Dr. Muhammad Rizwan Yangz University Wuhan China rizwaneco@yangtzeu.edu.cn</p>	<p>Smallholder Small Ruminant Production and Challenges in Pakistan</p> <p>Dr. Muhammad Haroon Muzaffar ACIAR Small Ruminant Project drharoonmuzaffar@gmail.com</p>
11:45-11:55(PST)	<p>Lessons taught from COVID 19 in poultry /Dairy production One Health Approach</p> <p>Prof. Dr. Youssef A Attia Department of Agriculture King Abdul aziz university Jeddah Saudi Arabia yaattia@kau.edu.sa</p>	<p>Value chain: Importance and Scope</p> <p>Syed Hassan Raza CEO Dairy Solutions hassan@dairysolutions.com</p>
11:55:-12:10(PST)	<p>Effect of Climate Change on Food Security</p> <p>Prof. Dr. Shakeel Bahawauldin Zikria University,Multan Pakistan Shakeelahmad@bzu.edu.pk</p>	<p>Gender-based Value Chains: Women Engagement, Approach and Benefits</p> <p>Dr. Sumbal Sarfraz Layyah Campus UVAS, Pakistan Sunbalsarfraz78@gmail.com</p>
12:10-12:20(PST)	<p>Perspectives Role of CPEC in Pakistan's Food Security: Challenges and Opportunities</p> <p>Dr. Muhammad Arshad Associate Professor CVAS Jhang Muhammad.arshad@uvas.edu.pk</p>	<p>Pakistan as social mobilizer for Sustainable Development Goals UNO vision 2030, Challenges and opportunities</p> <p>Dr.Muhammad Azam Provincial Coordinator: SDGs Academy Pakistan, Assistant Vice President: Shakarganj Food Products Limited m.azam@sfpl.com.pk</p>
12:20-12:30(PST)	<p>CPEC and Food Security: Role of Livestock and Poultry Sector Empirical Evidence from Pakistan</p> <p>Dr. Muhammad Zahid Farooq Zahid.Farooq@uvas.edu.pk</p>	

12:30-12:40 (PST)	<p>Dairy Sector Pakistan at cross roads:A way forward for innovation and growth Dr Shams Toor Al-Qaswa Dairies, Pakpattan shamstoor@gmail.com</p>	
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12:45 – 13:30 Lunch/ Prayer Break

	<p style="text-align: center;">Technical Session V Animal Health-III Main Theme: Contagious Diseases of animals and Their effect on Public Health, Sub-Theme: Prevalence and Diagnostic Techniques for Detection of Contagious Diseases (13:35-16:20) Chairman: Prof. Dr. Muhammad Younus Rana Professor Principal, Narowal Campus University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Co- Chairman: Prof. Dr. Muhammad Ijaz Professor Department of Veterinary Medicine, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Prof. Dr Tanveer Ahmad Chairman Clinical Science, Faculty of Veterinary science Bahauddin Zakaria University Multan. Moderator: Dr. Amjad Islam Aqib Assistant Professor, Department of Medicine, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan</p>	<p style="text-align: center;">Technical Session VI Value Addition of Meat & Meat Products Main Theme: Value Addition of Meat and Alternate Protein Sources for Human Nutrition Sub-Theme: Innovative Technologies and Nutritional Supplementation of Meat (13:35-16:20) Chairman: Professor Dr. Saima Dean Faculty of Animal Production and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Co- Chairman: Dr. Muhammad Hayat Jaspal Chairman Department of Meat Science and Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Moderator: Dr. Sher Ali Assistant Professor Department of Meat Science and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan</p>
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13:35-13:45(PST) 16:35-16:45(BJT)	<p style="text-align: center;">One Health Paradigm to Combat Zoonotic Health Threats in Pakistan. Prof. Dr Tanveer Ahmad Chairman Clinical Science faculty of Veterinary science Bahauddin Zakaria University Multan. dr.tanveer@bzu.edu.pk</p>	<p style="text-align: center;">Technological Innovation and Development Trend of Beef Product Processing Dr. Zhu Chaozhi Associate professor Associate Dean, College of Food Science and Technology, Henan Agricultural University, Zhengzhou, China zhuchaozhi66@163.com</p>
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13:45-14:00 (PST) 16:45-17:00(BJT)	Prevalence of Arbovirus Antibodies in Healthy Adult Population of Pakistan Dr. Ali Zohaib Department of Microbiology, IUB Pakistan	Effects of High Level of Dietary Chicken Protein on Body Weight and Adipose Tissue Transcript omics of High fat Induced Rats Dr. Shangxin Song Associate Professor, School of Food Science in Nanjing Xiaozhuang University, China Ssxbxh2005@163.com
14:00-14:10 (PST)	Detection of Antibiotic Residues of Penicillin and Oxytetracycline in Milk: Challenge for One Health Dr. Muhammad Ali Raza Assistant Director, Bureau of Emigration and Overseas Employment, Pakistan alirazakh@gmail.com	Plant Based Meat Analogies to Combat the Food Security- A Nutritional Transition Strategy Dr. Asad Riaz United Arab Emirates University as a postdoctoral fellow in the Ministry of Education-funded research project. Asad_r@uaeu.ac.ae
14:10-14:20 (PST)	Field Observations, Challenges and Lesson Learnt while Dealing with LSD Epidemics in Khushab Dr. Mukhtar Ahmad DDL Nowshera L&DD Deputy Director Livestock, Tehsil Naushera, District Khushab, Pakistan vetmukhtar@gmail.com	Value Added Meat Products – Issues and Challenges Dr. Amna Sahar Associate Professor in University of Agriculture, Faisalabad (UAF), Pakistan amnasahar@uaf.edu.pk
14:20-14:30 (PST)	Infrared Thermography as a Non-invasive Tool to Assess Physiological Response in Heat Stressed Cattle Dr. Musadiq Idris , Assistant Professor, Department of Physiology, Faculty of Veterinary and Animal Sciences, The Islamia University of Bahawalpur.Pakistan musadiq.idris@iub.edu.pk	Effect of Nutritional Supplements in Broiler Diet for Growth Performance and Meat Quality Assessment Dr. Muhammad Ammar Khan Associate Professor of Food Science & Technology, the Islamia University of Bahawalpur, Pakistan ammar@iub.edu.pk
14:30-14:40 (PST)	Interaction of <i>Fasciola gigantica</i> Legumain-1 Protein (Fg-LGMN-1) with Goat Monocyte: A Potential Vaccine Candidate Antigen Muhammad Ehsan Department of Parasitology, FVS, Islamia university Bahawalpur Pakistan Muhammad.ehsan@iub.edu.pk	Application of Natural Antioxidants on the Quality of Meat Dr. Zubair Hussain Assistant Professor Department of Agriculture and Food Technology, Karakorum International University, Gilgit 15100, Pakistan Dr.zubairhussain@kiu.edu.pk
14:40-14:50 (PST)	Treatment of tibial dyschondroplasia with traditional Chinese medicine: lessons and future directions Dr. Khalid Mehmood Department of clinical medicine and surgery, Faculty of Veterinary & Animal Sciences, The Islamia University (IUB), Pakistan	Supplementation of Natural Additives in Meat and Meat Products as Functional Ingredients; A Value Addition Approach for Meat Industry Dr. Raheel Suleman Department of Food Science and Technology, Faculty of Food Science and Nutrition, Bahauddin Zakariya University, Multan, Pakistan. dr.raheel@bzu.edu.pk

14:50-16:00 (PST)	<p>Clinical study on core infections threatening to conservation of Nukri goats</p> <p>Dr Muhammad Zahid IUB, Bahawalpur Pakistan m.zahid@iub.edu.pk</p>	<p>Use of Innovative Technologies for Adding Value in Beef Carcasses and Meat Products</p> <p>Dr. Muhammad Hayat Jaspal Chairman, Department of Meat Science and Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan hayat.jaspal@uvas.edu.pk</p>
16:00-16:10 (PST)	<p>Strategy development for heavy metal remediation approach using microalgae and other microbes</p> <p>Dr. Mujeeb Ur Rehman Deputy Director, Balochistan Food Authority, Quetta Balochistan, Pakistan mujeebnasar@yahoo.com Emerging <i>Staphylococcus aureus</i> Infections in Livestock and Impacting Public Health</p>	
16:10-16:20 (PST)	<p>Use of Physiological and Clinical Biomarkers as Indicators of Antibiotic Efficacy Against Lyme Disease in Pet Dogs</p> <p>Dr. Muhammad Usman Pakistan Muhammad usman4949@gmail.com University of Veterinary and animal Sciences, Lahore</p>	

(17:00 – 19:00 PST)
20:00-22:00 BJT
Concluding Ceremony